Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 12 Sep 2022 until 23:59 on Tuesday 13 Sep 2022

Forecast Issued on Sunday 11 Sep 2022 at 14:58

Confidence: High for a rather poor day Monday, with hill tops shrouded with cloud and rain, but only moderate confidence on the extent of heavier bursts later. Also moderate for the timing of the clearance. High confidence for a generally fine and less warm period following from Tuesday onward, however low on the extent of any showers Wednesday and Thursday.

Headline for Monday 12 Sep 2022: Cloudy with rain, heavy at times. Clearing during the evening.

Mountain weather hazards on Monday 12 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Dull	Light rain	Heavy Rain	Dull	Cloudy
Precipitation probability							
90%	60%	50%	40%	50%	60%	40%	10%

Forecast for Monday 12 Sep 2022

Weather: Cloudy, with tops shrouded and persistent rain to start. Rain becoming lighter by dawn, with drier intervals developing, although staying rather cloudy. Further brief heavier bursts possible through the day, before rain eventually clears south after dark.

Chance of cloud-free hill tops above 600m: 20%. Improving during the evening to be 60% by midnight.

Low cloud and visibility: Hills above 500m often shrouded with cloud, and occasional patches down to 300m likely during the early hours. Some modest improvement likely during the day, however hills above 600m likely remaining covered, and occasionally down to 500m during any further rain. Cloud clearing around midnight. Moderate visibility beneath cloud and falling to poor in any heavier bursts of rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 12 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/32 S	21/29 SW	20/27 SW	18/24 SW	17/23 SW	17/24 SW	14/20 W	12/17 W	7/11 NW
300	15/22 S	15/23 S	13/21 S	12/19 SW	11/16 SW	12/18 SW	9/13 W	8/12 W	6/10 NW
Valley	7/21 S	8/22 S	7/20 S	7/18 S	8/16 SW	8/18 SW	7/14 W	6/11 W	4/10 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/10	13/10	13/10	14/11	15/12	15/12	14/12	12/10	10/8
300	16/13	15/13	15/13	16/14	18/16	17/16	16/15	14/13	12/11
Valley	16/15	15/14	15/14	16/16	18/18	17/17	16/16	14/14	11/11
Freezing Level*	3500m	3400m	3400m	3400m	3300m	3400m	3400m	3200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather poor day on the hills, with very limited view. Hill-goers are also likely to need good waterproof layers with rain at times, with some slippery paths and rocks possible. The risk of rain only fully receding by midnight.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 11 Sep 2022	0.2mm	1mm	6.2mm

Forecast for Tuesday 13 Sep 2022

Weather: Isolated shallow fog and mist patches possible in sheltered valleys to start but soon lifting. A largely fine day follows, with light winds and plenty of unbroken sunshine.

Maximum wind: Northwesterly 10-15mph

Chance of cloud-free hill tops above 600m: Near 100%

Low cloud and visibility: Some limited views at first at low levels below 300m, with isolated mist and fog patches. This soon melting away, however, with very good views expected throughout the day and distant hills clearly visible.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 20 Celsius
At 600m: Plus 8 Celsius rising to Plus 15 Celsius
Freezing level: Above the summits.

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